

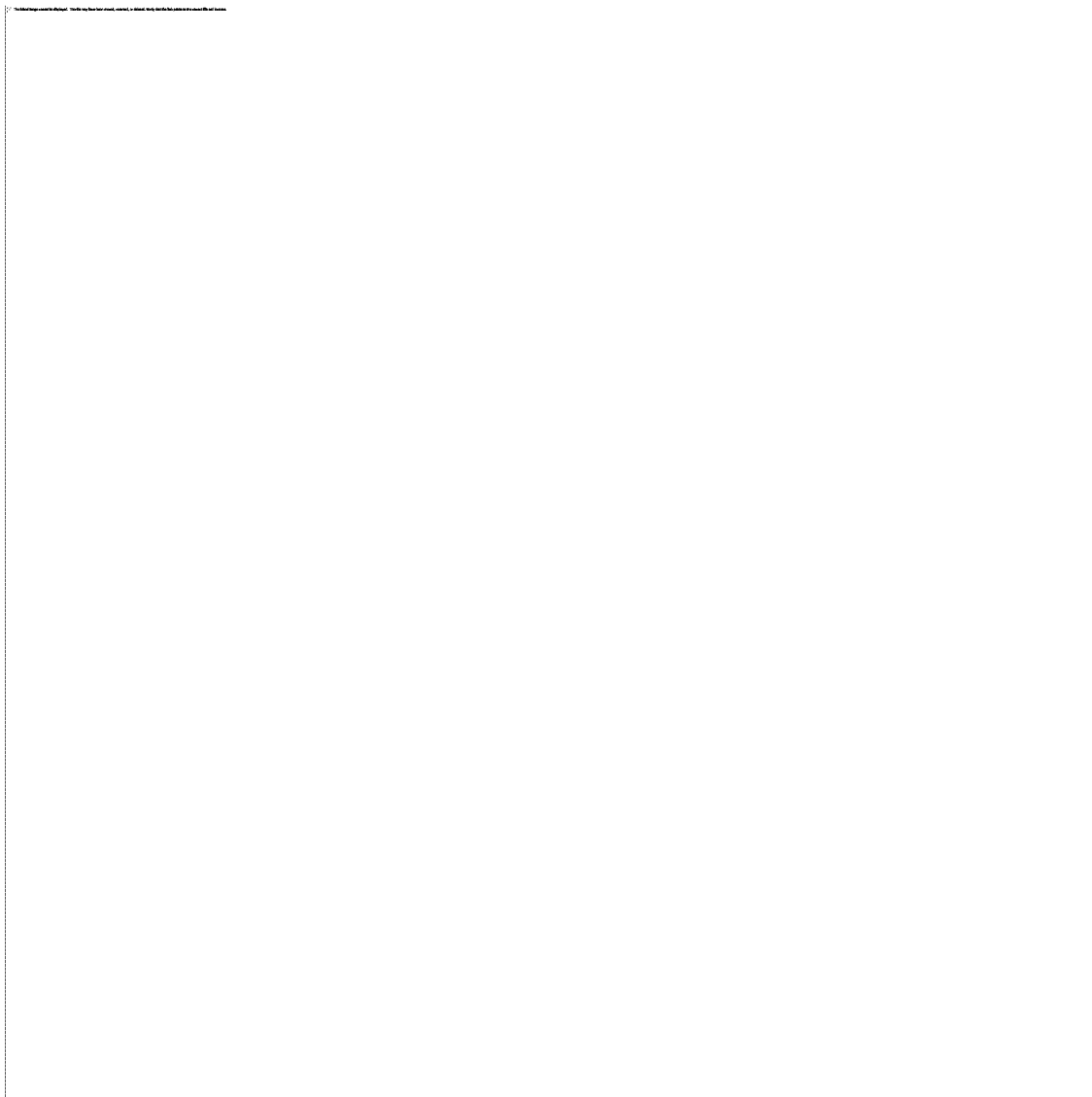
Message

From: Louisiana Environmental Action Network [contact@leanweb.org]
Sent: 5/6/2021 7:44:07 PM
To: Balandran, Olivia-R [balandran.olivia-r@epa.gov]
Subject: Inspector general: EPA Should Conduct New Review of Chloroprene and Ethylene Oxide

05/06/21

**From the U. S Environmental Protection Agency Office of
Inspector General: EPA Should Conduct New Residual Risk and**

Technology Reviews for Chloroprene- and Ethylene Oxide-Emitting Source Categories to Protect Human Health



[Read the full report here.](#)

CHLOROPRENE AND ETHYLENE OXIDE IN LOUISIANA

Denka Performance Elastomer LLC purchased the DuPont Pontchartrain Works Neoprene Facility in Reserve/LaPlace in 2015. Chloroprene has been released into the air since 1969. Denka Performance Elastomers LLC is the largest releaser of Chloroprene into the air in the US. The Environmental Protection Agency's 2011 National Air Toxics Assessment (NATA) identified the Dupont/Denka facility as creating the greatest offsite risk of cancer of any manufacturing facility in the US due to chloroprene air emissions.

The industrial facilities releasing Ethylene Oxide in Louisiana are located along the Mississippi River Industrial Corridor in Iberville Parish, Ascension, St. John the Baptist and St. Charles parishes. As well as Calcasieu Parish in southwest Louisiana near the Texas border.

Based on the 2014 National Air Toxics Assessment (NATA) for Ethylene Oxide, the Ethylene Oxide air emissions from the Union Carbide facility in Hahnville, along with the Ethylene Oxide air emissions from the Evonik Materials facility in Reserve, St. John the Baptist Parish, are responsible for St. John the Baptist and St. Charles parishes having the highest risk of cancer from Ethylene Oxide in all of Louisiana and all of the United States. St. John the Baptist Parish also has the highest risk of cancer in the United States from air emissions of Chloroprene.

Facilities Releasing Ethylene Oxide in Louisiana

Facility Name	Total Gross Releases(lbs)
BASF CORP	13,300
ST CHARLES OPERATIONS (TAFT/STAR) UNION CARBIDE CORP	11,012

SHELL CHEMICAL LP	7,457
THE DOW CHEMICAL CO - LOUISIANA OPERATIONS	3,494
SASOL CHEMICALS (USA) LLC-LAKE CHARLES CHEMICAL COMPLEX	3,176
EVONIK CORP	1,658
BCP INGREDIENTS INC	198
TAMINCO US LLC	191
LACC LLC US/LOTTE CHEMICAL LOUISIANA LLC	145
INEOS OXIDE A DIV OF INEOS AMERICAS LLC	96
RUBICON LLC	93
SE TYLOSE LOUISIANA LLC	18
WESTLAKE LAKE CHARLES NORTH	8
AXIALL LLC	2

Facilities Releasing Chloroprene in Louisiana

Facility Name	Total Gross Releases(lbs)
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DENKA PERFORMANCE ELASTOMER LLC	44,886
FORMOSA PLASTICS CORP LOUISIANA	1,337
SHINTECH PLAQUEMINE PLANT	204
WESTLAKE VINYL CO	10
WESTLAKE LAKE CHARLES NORTH	5

source: 2019 TRI National Analysis

https://edap.epa.gov/public/extensions/TRINA_dashboard_2019/TRINA_dashboard_2019.html

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